

19. A method for transmitting data over a radio interface between a base station and a plurality of subscriber stations in a radio communication system as claimed in claim 12, wherein a partial information item is used to signal in-band the individual data rates for the services within a connection and the use of one or more channels.

20. A radio communication system for transmitting data over a radio interface between a base station and a plurality of subscriber stations, comprising:
a plurality of channels forming the radio interface in a broadband frequency band, the plurality of channels being distinguished using individual spread codes, and at least one common channel being allocated to a plurality of connections existing in parallel for use at successive times;

a transmitter for transmitting a combination of data for a plurality of services on a connection within at least one channel for data transmission between the base station and the plurality of subscriber stations; and

a signaling device for signaling a subsequently valid allocation of the common channel for a connection using a data rate, which is allocated to the connection, via in-band signaling in at least one channel of the data transmission, and for signaling a relationship between the allocated data rate and the allocated common channel in a separate signaling channel.

REMARKS

The present amendment makes editorial changes and corrects typographical errors in the specification, which includes the Abstract, in order to conform the specification to the requirements of United States Patent Practice. No new matter is added thereby. Attached hereto is a marked-up version of the changes made to the specification by the present amendment. The attached page is captioned "**Version With Markings To Show Changes Made**".

In addition, the present amendment cancels original claims 1-10 in favor of new claims 11-20. Claims 11-20 have been presented solely because the revisions

by red-lining and underlining which would have been necessary in claims 1-10 in order to present those claims in accordance with preferred United States Patent Practice would have been too extensive, and thus would have been too burdensome.

5 The present amendment is intended for clarification purposes only and not for substantial reasons related to patentability pursuant to 35 USC §§103, 102, 103 or 112. Indeed, the cancellation of claims 1-10 does not constitute an intent on the part of the Applicants to surrender any of the subject matter of claims 1-10.

Early consideration on the merits is respectfully requested.

Respectfully submitted,

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VERSIONS WITH MARKINGS TO SHOW CHANGES MADE

In The Specification:

The Specification of the present application, including the Abstract, has been amended as follows:

SPECIFICATION

TITLE

5 **Method for transmitting data in a radio communications system**

METHOD FOR TRANSMITTING DATA IN A RADIO COMMUNICATION

SYSTEM

BACKGROUND OF THE INVENTION

Description

10 **Field of the Invention**

The present invention relates to a method for transmitting data in a radio communication system, ~~in particular~~ particularly in mobile radio systems with a broadband radio interface, ~~which are also~~ called UMTS (universal mobile telecommunication system).

15 **Description of the Prior Art**

In radio communication systems, data are transmitted via a radio interface using electromagnetic waves. The radio interface refers to a connection between a base station and subscriber stations, with the subscriber stations being ~~able to be~~ either mobile stations or stationary radio stations. In this context, the

20 electromagnetic waves are radiated at carrier frequencies situated in the frequency band provided for the respective system. For future radio communication systems, for example the UMTS mobile radio system or other 3rd generation systems, frequencies in the frequency band of approximately 2000 MHz are provided, with the bandwidth of a channel being 5 MHz.

25 By contrast, with systems like GSM (global system for mobile communications), a ~~plurality~~ number of services which also can ~~also~~ be transmitted in parallel is provided for the UMTS mobile radio system. Patent specifications EP 98 122 719 and DE 198 55 194 describe options for signaling the transport